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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/728,162	12/04/2003	Puthukode G. Ramachandran	AUS920030859US1	6796
45993	7590	11/28/2007		
IBM CORPORATION (RHF) C/O ROBERT H. FRANTZ P. O. BOX 23324 OKLAHOMA CITY, OK 73123			EXAMINER DINH, KHANH Q	
			ART UNIT 2151	PAPER NUMBER
			MAIL DATE 11/28/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/728,162	Applicant(s) RAMACHANDRAN, PUTHUKODE G.	
	Examiner Khanh Dinh	Art Unit 2151	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>12/4/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-23 are presented for examination.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3, 9, 10 and 16-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Coulombe, US Pat. No.7,103,681.

As to claim 1, Coulombé discloses a method for automatically provisioning a networked device with one or more software programs comprising the steps of:

associating with said user and a networked device (receiving terminal such as mobile phone) at least one computer-readable role definition, said role definition containing at least one software package identifier according to an organizational role to be performed by said user (see fig.1m abstract, col.4 line 42 to col.5 line 22);

storing said role definition in a medium using a directory service protocol and retrieving a software package as identified by said software package identifier (determining whether to download/install software to the receiving terminal, see col.5 line 23 to col.6 line 30); and

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configuring said device with said retrieved software package using said directory service protocol (see col.6 lines 31-53).

As to claim 2, Coulombe discloses configuring said device to send an event notification to a configuration management system upon modification of said stored role definition, reevaluating the software package requirements of said device with respect to said modified stored role definition and reconfiguring said device's software packages according to said modified role definition including uninstalling any software packages no longer needed for said modified role (see fig.2, col.6 line 54 to col.7 line 56).

As to claim 3, Coulombe discloses providing a Configuration Management tool to perform said steps of storing, retrieving and configuring (see fig.2, col.6 line 54 to col.7 line 56).

Claims 9-10 and 16 are rejected for the same reasons set forth in claims 1, 2 and 16 respectively.

Claims 17-19 are rejected for the same reasons set forth in claims 1-3 respectively.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4-8, 11-15 and 20-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coulombe, US Pat. No. 7,103,681 in view of Guheen et al., US pat. No. 6,957,186.

As to claims 4-8, Coulombe's teachings still applied as in item 2 above. Coulombe does not specifically disclose providing a directory service protocol selected from the list of X.500, Lightweight Directory Access Protocol, Active Directory, and Network Directory Service, configuring said device to send an event notification comprises configuring said device to send a Lightweight Directory Access Protocol event notification, configuring said device to send an event notification comprises configuring said device to send a Java Naming and Directory Interface event notification, retrieving a software package and configuring said device with said retrieved software package comprises consulting a license management server to obtain permission to install said software package, and if permission is denied, suppressing configuration of said device with said retrieve software package and reevaluating the software package requirements of said device with respect to said modified stored role definition and reconfiguring said device's software packages according to said modified role definition including uninstalling any software packages no longer needed for said modified role further comprise notifying a license manager server of said uninstalled software package such that related licenses may be recovered. However, Guheen discloses providing a directory service protocol selected from the list of X.500, Lightweight Directory Access Protocol, Active Directory,

and Network Directory Service, configuring said device to send an event notification comprises configuring said device to send a Lightweight Directory Access Protocol event notification, configuring said device to send an event notification comprises configuring said device to send a Java Naming and Directory Interface event notification, retrieving a software package and configuring said device with said retrieved software package comprises consulting a license management server to obtain permission to install said software package, and if permission is denied, suppressing configuration of said device with said retrieve software package and reevaluating the software package requirements of said device with respect to said modified stored role definition and reconfiguring said device's software packages according to said modified role definition including uninstalling any software packages no longer needed for said modified role further comprise notifying a license manager server of said uninstalled software package such that related licenses may be recovered (see Guheen's abstract, col.16 lines 10-63, col.18 lines 5-50 and col.30 line 1 to col.31 line 8). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Guheen's teachings into the computer system of Coulombe to process data information because it would have defined the approach the program takes to deal with scope, change control, version control, and migration control, and for putting in place the policies, processes, and procedures required for data access in a communication network.

Claims 11-15 are rejected for the same reasons set forth in claims 4-8 respectively.

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Claims 20-23 are rejected for the same reasons set forth in claims 4-7 respectively.

Other prior art cited

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Graham et al, US pat. No.6,594,700.
- b. Karman, US pub. No.2003/0196080.
- c. Velez-Rivera et al, US pub. No.20050207432.

Conclusion

6. Claims 1-23 are rejected.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, FOLLANSBEE JOHN, can be reached on (571) 272-3964. The fax phone number for this group is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For

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more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner for patents

P O Box 1450

Alexandria, VA 22313-1450

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